
Subject: Re: recursive functions?

Posted by [Nando lavarone](#) on Thu, 31 Aug 2000 16:08:00 GMT

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```
<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Nando lavarone wrote:
<blockquote TYPE=CITE>ENVI> .compile recFun
<br>% Compiled module: RECFUN.
<br>% Compiled module: RECFUNTEST.
<br>ENVI> err=recFunTest(12,15)
<br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 12.Prrrr&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
15.Prrrr
<br>% Variable is undefined: RECFUN.
<br>% Execution halted at:&nbsp; RECFUN&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
5
<br>&nbsp; /home/nando/InPhase/procedureDiProva/recFun.pro
<br> %&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; ;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
RECFUNTEST&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 19
<br>&nbsp; /home/nando/InPhase/procedureDiProva/recFun.pro
<br> %&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; ;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
$MAIN$
<br>ENVI>
<br>&nbsp;
<br>&nbsp;
<br>&nbsp;</blockquote>
it seems that the first time IDL 'compile' recFun function,
<br>it consider recFun (in the code it is a function) a variable and on
run it does not find it.
<br>if I recompile the source, recFun is now in the table of the functions
and it works.
<br>as a workaround I compile the source twice and it works, but I don't
like this.
<br>I am sure there is something I have not considered.
<p>I don't remember well, but 5.3 would have a mechanism in compiling to
avoid this.
<br>Is it true?
<br>Oh oh..... but I am working with 5.2 (to use ENVI 3.2).
<p>Bye.
<br>&nbsp;
<pre>--&nbsp;
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